



# Influence of a Coach's Salary on a NCAA's DI Football Team's Winning %

Sarah Rosa  
Trefz School of Business  
University of Bridgeport, Bridgeport, CT

## COACH'S SALARY & TEAM'S WINNING %



College football has a big impact on the economy of the USA. The investments per school to get good results average millions of dollars. It is important for universities to know if and by how much a coaching staff's salary can impact and drive a team's winning % to utilize their capital more efficiently and cost allocate their budget to reach the best results. Plus, it is an important topic because public universities utilize tax payer's capital to make its investments.

## ABSTRACT



Out of the 128 schools that participate on NCAA's DI Football tournament, 22 did not provide information on their salaries paid to their coaching staff regarding the year of 2016. From the schools that provided salary information, we can see the highest and lowest salary paid in the league and the highest and lowest winning % for all the teams in 2016:

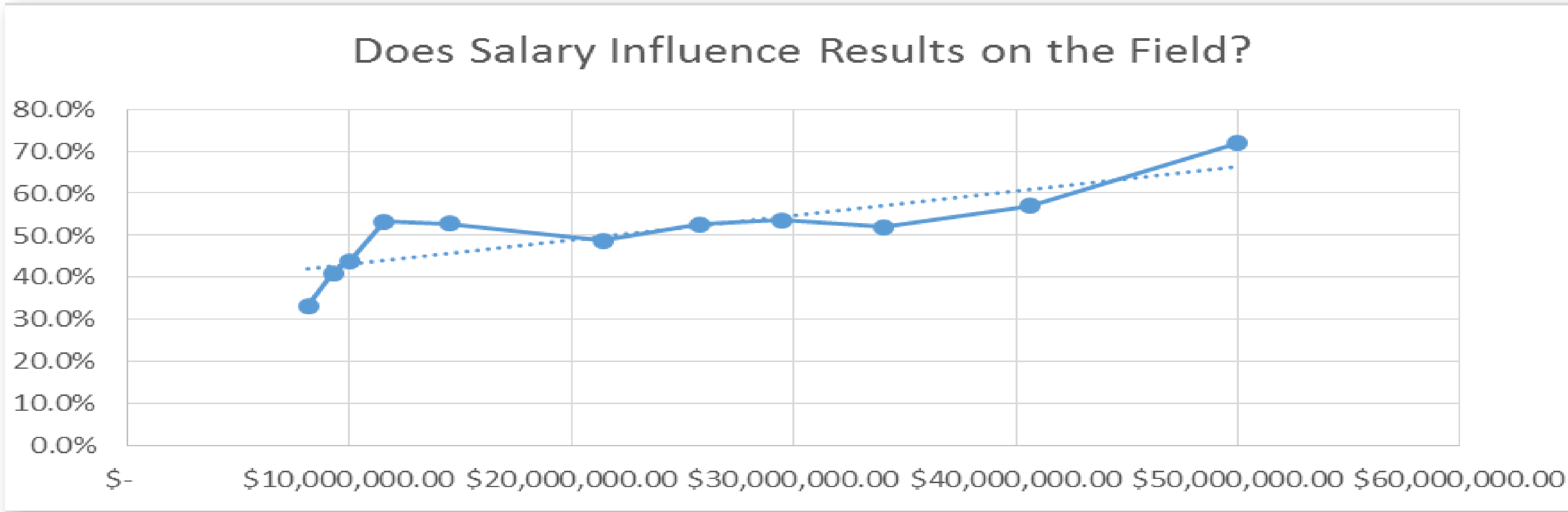
School	Total Coach Salary	Team Winning %
LSU	\$ 69,378,000.00	66.7%
New Mexico State	\$ 7,076,080.00	25.0%

School	Total Coach Salary	Team Winning %
Clemson	\$ 53,904,170.00	93.3%
Alabama	\$ 53,200,000.00	93.3%
Fresno State	\$ 10,192,580.00	8.3%

Schools Ranking	Avg Salary	Winning %
Top 10 highest salaries	\$ 49,925,976.00	71.8%
Top 10 lowest salaries	\$ 8,573,670.00	39.4%

The gap is big and it indicates that salary can almost double the teams' efficiency.

## ANALYSIS



## RESULTS

- Trend line shows that for every raise of \$10 million, the Winning % increases 6%;
- Winning % steadily increases according to salaries as they rise between \$35-50 million;
- Salaries bellow than \$35 million are not guarantee of high level performances;
- Salaries above \$50mi do not generate better results than the ones between \$40-50 million;
- In order to reach the peak of winning % a team needs to invest around \$50 million